8. C. PUBLIC SERVICE COMMISSION <u>AMENDED</u> 1 DIRECT TESTIMONY 2 OF 3 · **JOHN R. HENDRIX** 4 ON BEHALF OF 5 **SOUTH CAROLINA ELECTRIC & GAS COMPANY** 6 **DOCKET NO. 2004-2-E** 7 8 PLEASE STATE YOUR NAME AND BUSINESS ADDRESS. 9 Q. John R. Hendrix, 1426 Main Street, Columbia, South Carolina. Α. 10 BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY? 11 Q. I am Manager of Electric Pricing and Rate Administration at SCANA Services, 12 Α. 13 Inc. DESCRIBE YOUR EDUCATIONAL BACKGROUND AND BUSINESS 14 Q. EXPERIENCE. 15 I am a graduate of the University of South Carolina where I received a Bachelor 16 Α. of Science Degree in Business Administration with a major in marketing. Since 17 joining South Carolina Electric & Gas Company in August, 1983, I have held 18 various positions within the Rate Department. In November, 1999, I assumed my 19 present position. I have participated in cost of service studies, rate development 20 and design, and rate evaluation programs for both the electric and gas 21 RETURN DATE: OK DAYA operations. I am a member of the Southeastern Electric Exchange Rate Section. 22

Amended Version

1	Q.	WILL YOU BRIEFLY SUMMARIZE YOUR DUTIES WITH SOUTH CAROLINA
2		ELECTRIC & GAS COMPANY?
3	A.	I am responsible for the design and administration for the Company's electric
4		rates and tariffs including the electric fuel adjustment. In addition, I am
5	,	responsible for the Company's electric cost allocation studies.
6	Q.	MR. HENDRIX, WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS
7		PROCEEDING?
8	A.	The purpose of my testimony is to provide the actual fuel cost data for the period
9		March, 2003 through February, 2004, the historical period under review in this
10		proceeding. I will also provide the computations for the projected fuel cost per
11		kilowatt-hour of sales for the period May, 2004 through April, 2005, along with the
12		Company's recommended fuel rate for the period ending April, 2005.
13	Q.	WHAT IS THE COMPANY'S CURRENTLY APPROVED RATE FOR FUEL
14		COST?
15	A.	In Order No. 2003-295, dated May 1, 2003, the Commission approved a 1.678
16		cents per KWH fuel component, which is currently in effect.
17		
18	Q.	WILL YOU PLEASE EXPLAIN EXHIBIT NO(JRH-1)?
19	Α.	Exhibit No(JRH-1) shows the actual fuel cost and over/under
20		recovery of fuel revenue experienced by the Company for the months of March,
21		2003 through February, 2004, as well as the forecast for March and April, 2004.
22		As shown on this Exhibit, the Company has an actual under collection of

1		\$20,532,261 as of February, 2004. The forecasted balance at April, 2004 is an
2		under collection of \$22,862,377.
3	Q.	WILL YOU PLEASE EXPLAIN EXHIBIT NO(JRH-2)?
4 .	A.	Exhibit No(JRH-2) contains the Company's fuel cost forecast and
5		projected recovery calculations by month for May, 2004 through April, 2005. This
6		exhibit reflects the monthly and cumulative over and under projected fuel cost
7		collection expected by the Company using my recommendation as to maintaining
8 -		the current fuel rate. My projection shows an under recovery of \$22,862,377 at
9	··· .	April, 2004 and an over recovery of \$41,083 at April, 2005.
10	Q.	BY WHAT PROCESS DO YOU DEVELOP YOUR FUEL FACTOR FOR
11		SCE&G'S RATES?
12	A.	As Mr. Neely indicates in his testimony, we receive the output from the PROSYM
13		model from the Resource Planning Department. This data is loaded onto
14		spreadsheets along with fuel ending inventories, emission allowances,
15		forecasted fuel prices and information regarding operations to determine
16		projected fuel costs for March and April, 2004, as well as the twelve months
17		ending April, 2005.
18	Q.	WILL YOU PLEASE EXPLAIN EXHIBIT NO(JRH-3)?
19	A.	Exhibit No(JRH-3) provides the calculation of the projected fuel
20	•	component for the twelve-month period May, 2004 through April, 2005, as well as
21		the Company's fuel rate recommendation. For the twelve months May, 2004
22		through April, 2005 the base fuel cost is 1.941 cents per KWH, which includes
23		.069 cents per KWH for the anticipated under collection.

1 Q. PLEASE EXPLAIN THE ADJUSTMENT OF \$25,618,063 ON PAGE 2, LINE 12

2 OF EXHIBIT NO. _____(JRH-4)?

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20 .

21

22

23

The adjustment referred to in my exhibit is included because of a stipulated recommendation to the Commission by the Consumer Advocate and SCE&G for the disposition of appeals in Dockets Nos. 2002-2-E and 2003-2-E. These cases involved interpretation of the Fuel Clause Statute. Since 1996, the Commission permitted the Company to recover, through its fuel clause, the full cost of economic purchases of electric power as long as the amount of any such purchase was less than the Company's cost of generating an equivalent amount of power, i.e. the Company's avoided cost. In appeals of the 2002 and 2003 electric fuel cases, the Court, has held that the statute, as then written, limited recovery through the fuel clause to only fuel costs incurred in generating the power which was purchased. Because the record in those cases reflected that, in existing competitive electric markets, fuel costs are often unascertainable, the Consumer Advocate recommended the use of a fuel cost proxy to apply in such instances. The General Assembly of South Carolina has now amended the Fuel Clause Statute clarifying its intent to allow the full cost of economic power purchases through the fuel clause using an avoided cost test; however, this still leaves the 2002 and 2003 cases to be disposed of on remand to the Commission. It is to dispose of these two cases that the Company and the Consumer Advocate have developed the stipulated recommendation a copy of which I am hereby submitting, as Exhibit (JRH-7) for Commission approval. The original has been filed with the Commission. At this time, the Company and Consumer Advocate believe that it is in the best interests of

ı		all parties to settle these cases by allowing recovery through the rue clause of 60%
2		of the disputed costs and deferring 40% for recovery in the Company's next rate
3		case adjusting base electric rates. The adjustment in my exhibit reflects the 40%
4		deferred costs and the removal of that cost from the fuel clause.
5	Q.	MR. HENDRIX, WHAT FUEL COMPONENT IS THE COMPANY PROPOSING
6		IN THIS PROCEEDING?
7	A.	If the stipulation with the Consumer Advocate as discussed above is approved
8		by the Commission, the Company would propose that the fuel component be set
9		at 1.821 cents per KWH effective for bills rendered on and after the first billing
10		cycle of May, 2004 and continuing through the billing month of April, 2005.
11		Please see Exhibit No(JRH-4), Exhibit No(JRH-5), and Exhibit
12		No(JRH-6) for the calculations regarding the proposal that includes the
13		impact of the stipulation. If the settlement is not approved, the Company would
14		propose a fuel component of 1.941 cents per KWH effective for bills rendered on
15		and after the first billing cycle of May 2004 through the billing month of April,
16		2005.
17		
18	Q.	DOES THIS CONCLUDE YOUR TESTIMONY?
19	A.	Yes.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

	OCTOBER \$	15,078,802	826,761	15,938,976	333,940	31,510,599	1,731,421,565	0.018199	0.016780	0.00142	1,622,097,017	2,303,378	0	(673,417)	1,629,961	19,265,714
	SEPTEMBER OC	19,875,132	2,516,609	7,667,462	772,989	29,286,214	1,987,895,311 1,73	0.014732	0.016780	(0.00205)	1,864,888,612 1,6	(3,823,022)	65,303	(673,417)	(4,431,136)	17.635,753
	AUGUST SE	26,277,795	2,598,420	11,681,406	641,611	39,916,010	2,173,309,064 1	0.018366	0.016780	0.00159	2,026,432,489 1	3,222,028	109,973	(673,417)	2,658,584	22 066.889
	30LY \$	23,525,048	2,599,631	11,362,081	1,142,251	36,344,509	2,165,307,980	0.016785	0.016780	0.00001	2,029,340,087	20,293	0	(673,417)	(653,124)	10 408 305
ACTUAL 2003	JUNE \$	22,467,798	2,514,243	8,859,305	1,134,509	32,706,837	1,841,343,714	0.017762	0.016780	0.00098	1,711,917,315	1,677,679	0	(673,417)	1,004,262	20.061.420
,	MAY \$	20,456,145	2,316,403	8,831,667	612,312	30,991,903	1,757,711,087	0.017632	0.016780	0.00085	1,646,944,131	1,399,903	(38,245)	(673,417)	688,241	40.061
	APRIL \$	19,992,648	2,516,465	5,332,324	335,760	27,505,677	1,577,065,407	0.017441	0.016780	0.00066	1,472,766,084	972,026	0	(673,417)	298,609	40.000
	MARCH \$	17,842,766	2,598,704	4,021,560	471,232	23,991,798	1,672,348,080	0.014346	0.016780	(0.00243)	1,567,177,784	(3,808,242)	0	0	(3,808,242)	
	LINE NO.	 TOTAL CÓST OF FOSSIL FUEL BURNED 	2. NUCLEAR FUEL	3. PURCHASED AND INTERCHANGE POWER FUEL COSTS	4. FUEL RECOVERED THROUGH INTERSYSTEM SALES	5. TOTAL FUEL COSTS (LINES 1+2+3-4)	6. TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	7. FOSSIL FUEL COST PER KWH SALES	8. LESS BASE COST PER KWH INCLUDED IN RATES	9. FOSSIL FUEL ADJUSTMENT PER KWH	10. OVER/UNDER RECOVERY REVENUE KWH	11. OVERJUNDER RECOVERY REVENUE	12. ADJUSTMENT	13. FIXED CAPACITY CHARGES	14. NET OVER/UNDER RECOVERY REVENUE	

Page 2 of 2

SOUTH CAROLINA ELECTRIC & GAS COMPANY

ILONE		***		AC	ACTUAL, 2003 - 2004		FORECAST 2004	2004
T7,160,803 18,630,370 25,689,305 290,862 2,439,690 2,441,056 290,862 2,439,690 2,441,056 2,439,690 2,441,056 2,439,690 2,441,056 2,439,690 2,441,056 2,439,690 2,441,056 2,439,690 2,441,056 2,439,690 2,439,690 2,439,875 2,432,27 33,653,531 31,174,814 2 2,41,570,800,420 1,824,278,033 1,965,434,221 1,988 2,784,424 2,439,324,826 1,570,800,420 2,825,551 (1,687,579) (6,00092) 2,825,551 (1,687,579) (6,00092) 2,346,385 2,152,134 (2,360,996) (6,784,17) 24,612,099 26,764,233 2,4,403,237 2,4,	NO.		NOVEMBER	DECEMBER \$	JANUARY \$	FEBRUARY \$	MARCH \$	APRIL.
PURCHASED AND INTERCHANGE	-	OTAL COST OF FOSSIL FUEL BURNED	17,160,803	18,630,370	25,689,305	24,785,979	28,226,000	26,302,000
PURCHASED AND INTERCHANGE 15,543,677 13,113,819 7,984,875 FUEL RECOVERED THROUGH 16,543,671 13,113,819 7,984,875 FUEL RECOVERED THROUGH 167,815 33,653,531 4,940,422 TOTAL FUEL COSTS 32,827,521 33,653,531 31,174,814 2 TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH) 1,570,800,420 1,824,278,033 1,965,434,221 1,986 FOSSIL FUEL COST PER KWH SALES 0.016780		IUCLEAR FUEL	290,862	2,439,690	2,441,056	2,286,026	2,240,000	2,159,000
FUEL RECOVERED THROUGH INTERSYSTEM SALES 167.815 530.348 4,940.422 2 TOTAL FUEL COSTS (LINES 1+2+3-4) 32,827,521 33,653,531 31,174,814 2 TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH) 1,570,800,420 1,824,278,033 1,965,434,221 1,988 FOSSIL FUEL COST PER KWH SALES INTERSYSTEM SALES (KWH) 0,0016780 0,0116780 0,0116780 0,0116780 0,0116780 1,984,324,822 1,885 LESS BASE COST PER KWH INCLUDED IN RATES 0,0016770 0,0016770 0,0116780 0,0116780 0,0116780 1,834,324,826 1,885 OVER/UNDER RECOVERY REVENUE 6,019,802 2,825,551 (1,687,579) (6 (6 (7 <td< td=""><td></td><td>URCHASED AND INTERCHANGE POWER FUEL COSTS</td><td>15,543,671</td><td>13,113,819</td><td>7,984,875</td><td>6,634,589</td><td>1,506,000</td><td>2,025,000</td></td<>		URCHASED AND INTERCHANGE POWER FUEL COSTS	15,543,671	13,113,819	7,984,875	6,634,589	1,506,000	2,025,000
TOTAL FUEL COSTS (LINES 1+2+3-4) TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH) FOSSIL FUEL COST PER KWH SALES (LINES 1+2+3-4) TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH) FOSSIL FUEL COST PER KWH SALES (COST PER KWH SALES (COST PER KWH SALES (COST PER KWH SALES (CONGOST) (CON		UEL RECOVERED THROUGH INTERSYSTEM SALES	167,815	530,348	4,940,422	3,814,793	1,659,000	1,359,000
1,570,800,420 1,824,278,033 1,965,434,221 1,98x 0.020899 0.016780 0.016780 0.016780 0.00412 0.00167 0.016780 1,834,324,826 1,461,116,878 1,691,946,696 1,834,324,826 1,855 6,019,802 2,825,551 (1,687,579) (673,417) 65,346,385 2,152,134 (673,417) (673,417) 5,346,385 2,152,134 (2,360,996) (673,417)		'OTAL FUEL COSTS (LINES 1+2+3-4)	32,827,521	33,653,531	31,174,814	29,891,801	30,313,000	29,127,000
0.020899 0.018448 0.015862 0.016780 0.016780 0.016780 1,461,116,878 1,691,946,696 1,834,324,826 1,856,619,802 2,825,551 (1,687,579) (673,417) (673,417) (673,417) (673,417) (673,417) (673,417) (673,417) (673,417) (673,417)		TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,570,800,420	1,824,278,033	1,965,434,221	1,984,262,746	1,668,000,000	1,639,000,000
0.016780 0.016780 0.016780 0.016780 0.00412 0.000167 (0.00092) 1,461,116,878 1,691,946,696 1,834,324,826 1,835,679) (6,019,802 2,825,551 (1,687,579) (6,019,802 2,825,551 (1,687,579) (6,019,802 2,825,551 (1,687,579) (6,019,802 2,825,551 (1,687,579) (6,019,802 2,825,551 (1,687,579) (6,019,802 2,825,152,134 (2,360,996) (6,019,802 2		OSSIL FUEL COST PER KWH SALES	0.020899	0.018448	0.015862	0.015064	0.018173	0.017771
0.00412 0.00167 (0.00092) 1,461,116,878 1,691,946,696 1,834,324,826 1,855 6,019,802 2,825,551 (1,687,579) (0 0 0 0 (673,417) (673,417) (673,417) 5,346,385 2,152,134 (2,360,996) (24,612,099 26,764,233 24,403,237		LESS BASE COST PER KWH INCLUDED IN RATES	0.016780	0.016780	0.016780	0.016780	0.016780	0.016780
1,461,116,878 1,691,946,696 1,834,324,826 1,88 6,019,802 2,825,551 (1,687,579) 0 0 0 0 (673,417) (673,417) (673,417) 5,346,385 2,152,134 (2,360,996) 24,612,099 26,764,233 24,403,237		FOSSIL FUEL ADJUSTMENT PER KWH	0.00412	0.00167	(0.00092)	(0.00172)	0.00139	0.00099
6,019,802 2,825,551 (1,687,579) 0 0 0 0 0 (673,417) (673,417) (673,417) NUE 5,346,385 2,152,134 (2,360,996) 714 24,612,099 26,764,233 24,403,237	10.	OVER/UNDER RECOVERY REVENUE KWH	1,461,116,878	1,691,946,696	1,834,324,826	1,859,045,811	1,557,000,000	1,528,000,000
0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	7,	OVER/UNDER RECOVERY REVENUE	6,019,802	2,825,551	(1,687,579)	(3,197,559)	2,164,230	1,512,720
(673,417) (673,417) (673,417) 5,346,385 2,152,134 (2,360,996) 24,612,099 26,764,233 24,403,237	12.	ADJUSTMENT	0	0	0	0	0	0
5,346,385 2,152,134 (2,360,996) 24,612,099 26,764,233 24,403,237	13.	FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
24,612,099 26,764,233 24,403,237	4,	NET OVER/UNDER RECOVERY REVENUE	5,346,385	2,152,134	(2,360,996)	(3,870,976)	1,490,813	839,303
	15.	CUMULATIVE UNDER(OVER)\$19,265,714	24,612,099	26,764,233	24,403,237	20,532,261	22,023,074	22,862,377

SOUTH CAROLINA ELECTRIC & GAS COMPANY

				2004 FORECAST	ii.		
필승		MAY \$	JUNE	\$ 7 <u>10</u> [7	AUGUST \$	SEPTEMBER \$	OCTOBER \$
/, ⊢ rr	TOTAL COST OF FOSSIL FUEL BURNED	30,361,000	39,968,000	44,979,000	45,033,000	32,971,000	27,593,000
2,	NUCLEAR FUEL	2,234,000	2,140,000	2,211,000	2,211,000	2,140,000	2,235,000
e T IT	PURCHASED AND INTERCHANGE POWER FUEL COSTS	7,928,000	8,098,000	9,160,000	9,460,000	8,204,000	7,160,000
4, π ≔	FUEL RECOVERED THROUGH INTERSYSTEM SALES	6,937,000	11,404,000	10,190,000	10,556,000	8,845,000	4,123,000
5. 7	TOTAL FUEL COSTS (LINES 1+2+3-4)	33,586,000	38,802,000	46,160,000	46,148,000	34,470,000	32,865,000
6,	TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,768,000,000	1,997,000,000	2,252,000,000	2,273,000,000	2,166,000,000	1,810,000,000
7.	FOSSIL FUEL COST PER KWH SALES	0.018997	0.019430	0.020497	0.020303	0.015914	0.018157
⊸ ⊸	LESS BASE COST PER KWH INCLUDED IN RATES	0.019410	0.019410	0.019410	0.019410	0.019410	0.019410
9	FOSSIL FUEL ADJUSTMENT PER KWH	(0.00041)	0.00002	0.00109	0.00089	(0.00350)	(0.00125)
10.	OVER/UNDER RECOVERY REVENUE KWI	1,649,000,000	1,864,000,000	2,104,000,000	2,123,000,000	2,037,000,000	1,694,000,000
έ.	OVER/UNDER RECOVERY REVENUE	(676,090)	37,280	2,293,360	1,889,470	(7,129,500)	(2,117,500)
5.	ADJUSTMENT	0	0	0	0	0	0
13	FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
4.	NET OVER/UNDER RECOVERY REVENUE	(1,349,507)	(636,137)	1,619,943	1,216,053	(7,802,917)	(2,790,917)
15.	CUMULATIVE UNDER(OVER) \$22,862,377	21,512,870	20,876,733	22,496,676	23,712,729	15,909,812	13,118,895

Page 2 of 2

SOUTH CAROLINA ELECTRIC & GAS COMPANY FUEL COSTS REPORT

	!			2004 - 2005 FORECAST	RECAST		
NS S		NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL
-	TOTAL COST OF FOSSIL	22 852 000	28 503 000	000 09b 8c	21.134.000	22.339.000	25,940,000
	FUEL BURNED	23,832,000	40,000,000	200,000			
%	NUCLEAR FUEL	2,159,000	2,235,000	2,235,000	2,013,000	2,235,000	1,152,000
က်	PURCHASED AND INTERCHANGE POWER FUEL COSTS	7,693,000	8,398,000	7,962,000	8,937,000	9,325,000	8,517,000
4	FUEL RECOVERED THROUGH INTERSYSTEM SALES	4,475,000	4,932,000	3,927,000	1,351,000	1,932,000	2,146,000
ņ	TOTAL FUEL COSTS (LINES 1+2+3-4)	29,229,000	34,204,000	35,230,000	30,733,000	31,967,000	33,463,000
છ	TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,666,000,000	1,789,000,000	1,918,000,000	1,805,000,000	1,694,000,000	1,665,000,000
7.	FOSSIL FUEL COST PER KWH SALES	0.017544	0.019119	0.018368	0.017027	0.018871	0.020098
ထဲ	LESS BASE COST PER KWH INCLUDED IN RATES	0.019410	0.019410	0.019410	0.019410	0.019410	0.019410
တ်	FOSSIL FUEL ADJUSTMENT PER KWH	(0.00187)	(0.00029)	(0.00104)	(0.00238)	(0.00054)	0.00069
10.	OVER/UNDER RECOVERY REVENUE KW	1,555,000,000	1,661,000,000	1,788,000,000	1,683,000,000	1,582,000,000	1,553,000,000
,	OVER/UNDER RECOVERY REVENUE	(2,907,850)	(481,690)	(1,859,520)	(4,005,540)	(854,280)	1,071,570
12.	ADJUSTMENT		0	0	0	0	0
<u>ნ</u>	FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
₹	NET OVER/UNDER RECOVERY REVENUE	(3,581,267)	(1,155,107)	(2,532,937)	(4,678,957)	(1,527,697)	398,153
15.	CUMULATIVE UNDER(OVER) \$13,118,895	9,537,628	8,382,521	5,849,584	1,170,627	(357,070)	41,083

SOUTH CAROLINA ELECTRIC & GAS COMPANY CALCULATION OF BASE FUEL COMPONENT

FORECAST MAY 04 - APR 05 12 MONTHS

1. PROJECTED DATA:	
COST OF FUEL (\$000)	\$426,857
SYSTEM SALES (GWH)	22,803
AVERAGE COST (CENTS/KWH)	1.872
2. (OVER)/UNDER COLLECTION (\$000) THROUGH APRIL 2004	\$14,781
SOUTH CAROLINA RETAIL SALES (GWH)	21,293
AVERAGE COST (CENTS/KWH)	0.069
3. BASE COST (CENTS/KWH):	
PROJECTED FUEL COST	1.872
(OVER)/UNDER RECOVERY RATE	0.069
PROJECTED BASE FUEL COST	<u>1.941</u>

Note: Over/Under Collection reduced by the retail portion of Urquhart Fixed Capacity Charge (\$8,081,000) per Order No. 2003-38.

SOUTH CAROLINA ELECTRIC & GAS COMPANY FUEL COSTS REPORT

				ACTUAL 2003				
O.	MARCH \$	APRIL \$	MAY \$	JUNE	\$ \$	AUGUST \$	SEPTEMBER \$	OCTOBER \$
1. TOTAL COST OF FOSSIL FUEL BURNED	17,842,766	19,992,648	20,456,145	22,467,798	23,525,048	26,277,795	19,875,132	15,078,802
2. NUCLEAR FUEL	2,598,704	2,516,465	2,316,403	2,514,243	2,599,631	2,598,420	2,516,609	826,761
3. PURCHASED AND INTERCHANGE POWER FUEL COSTS	4,021,560	5,332,324	8,831,667	8,859,305	11,362,081	11,681,406	7,667,462	15,938,976
4. FUEL RECOVERED THROUGH INTERSYSTEM SALES	471,232	335,760	612,312	1,134,509	1,142,251	641,611	772,989	333,940
5. TOTAL FUEL COSTS (LINES 1+2+3-4)	23,991,798	27,505,677	30,991,903	32,706,837	36,344,509	39,916,010	29,286,214	31,510,599
6. TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,672,348,080	1,577,065,407	1,757,711,087	1,841,343,714	2,165,307,980	2,173,309,064	1,987,895,311	1,731,421,565
7. FOSSIL FUEL COST PER KWH SALES	0.014346	0.017441	0.017632	0.017762	0.016785	0.018366	0.014732	0.018199
8. LESS BASE COST PER KWH INCLUDED IN RATES	0.016780	0.016780	0.016780	0.016780	0.016780	0.016780	0.016780	0.016780
9. FOSSIL FUEL ADJUSTMENT PER KWH	(0.00243)	0.00066	0.00085	0.00098	0.00001	0.00159	(0.00205)	0.00142
10. OVER/UNDER RECOVERY REVENUE KWH	1,567,177,784	1,472,766,084	1,646,944,131	1,711,917,315	2,029,340,087	2,026,432,489	1,864,888,612	1,622,097,017
11. OVER/UNDER RECOVERY REVENUE	(3,808,242)	972,026	1,399,903	1,677,679	20,293	3,222,028	(3,823,022)	2,303,378
12. ADJUSTMENT	0	0	(38,245)	0	0	109,973	65,303	0
13. FIXED CAPACITY CHARGES	0	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
14. NET OVER/UNDER RECOVERY REVENUE	(3,808,242)	298,609	688,241	1,004,262	(653,124)	2,658,584	(4,431,136)	1,629,961
15. CUMULATIVE UNDER(OVER)\$21,878,559	18,070,317	18,368,926	19,057,167	20,061,429	19,408,305	22,066,889	17,635,753	19,265,714

SOUTH CAROLINA ELECTRIC & GAS COMPANY FUEL COSTS REPORT

			AC	ACTUAL 2003 - 2004		FORECAST 2004	104
N O	ı	NOVEMBER \$	DECEMBER \$	JANUARY \$	FEBRUARY \$	MARCH \$	APRIL \$
τ. Τ	TOTAL COST OF FOSSIL FUEL BURNED	17,160,803	18,630,370	25,689,305	24,785,979	28,226,000	26,302,000
ž č	NUCLEAR FUEL	290,862	2,439,690	2,441,056	2,286,026	2,240,000	2,159,000
છ હ	PURCHASED AND INTERCHANGE POWER FUEL COSTS	15,543,671	13,113,819	7,984,875	6,634,589	1,506,000	2,025,000
4. F	FUEL RECOVERED THROUGH INTERSYSTEM SALES	167,815	530,348	4,940,422	3,814,793	1,659,000	1,359,000
5. T	TOTAL FUEL COSTS (LINES 1+2+3-4)	32,827,521	33,653,531	31,174,814	29,891,801	30,313,000	29,127,000
	TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,570,800,420	1,824,278,033	1,965,434,221	1,984,262,746	1,668,000,000	1,639,000,000
7. F	FOSSIL FUEL COST PER KWH SALES	0.020899	0.018448	0.015862	0.015064	0.018173	0.017771
.8 L	LESS BASE COST PER KWH INCLUDED IN RATES	0.016780	0.016780	0.016780	0.016780	0.016780	0.016780
<u>е</u>	FOSSIL FUEL ADJUSTMENT PER KWH	0.00412	0.00167	(0.00092)	(0.00172)	0.00139	0.00099
10.	10. OVER/UNDER RECOVERY REVENUE KWH	1,461,116,878	1,691,946,696	1,834,324,826	1,859,045,811	1,557,000,000	1,528,000,000
#	11. OVER/UNDER RECOVERY REVENUE	6,019,802	2,825,551	(1,687,579)	(3,197,559)	2,164,230	1,512,720
12. A	ADJUSTMENT	0	0	0	0	(25,618,063)	0
13. T	FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
4.	NET OVER/UNDER RECOVERY REVENUE	5,346,385	2,152,134	(2,360,996)	(3,870,976)	(24,127,250)	839,303
15. (CUMULATIVE UNDER(OVER)\$19,265,714	24,612,099	26,764,233	24,403,237	20,532,261	(3,594,989)	(2,755,686)

SOUTH CAROLINA ELECTRIC & GAS COMPANY

				2004 FORECAST	ï		
N S		MAY	JUNE	JULY	AUGUST	SEPTEMBER S	OCTOBER \$
- :	TOTAL COST OF FOSSIL FUEL BURNED	30,361,000	39,968,000	44,979,000	45,033,000	32,971,000	27,593,000
8	NUCLEAR FUEL	2,234,000	2,140,000	2,211,000	2,211,000	2,140,000	2,235,000
က်	PURCHASED AND INTERCHANGE POWER FUEL COSTS	7,928,000	8,098,000	9,160,000	9,460,000	8,204,000	7,160,000
4.	FUEL RECOVERED THROUGH INTERSYSTEM SALES	6,937,000	11,404,000	10,190,000	10,556,000	8,845,000	4,123,000
က်	TOTAL FUEL COSTS (LINES 1+2+3-4)	33,586,000	38,802,000	46,160,000	46,148,000	34,470,000	32,865,000
တ်	TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,768,000,000	1,997,000,000	2,252,000,000	2,273,000,000	2,166,000,000	1,810,000,000
7.	FOSSIL FUEL COST PER KWH SALES	0.018997	0.019430	0.020497	0.020303	0.015914	0.018157
ထံ	LESS BASE COST PER KWH INCLUDED IN RATES	0.018210	0.018210	0.018210	0.018210	0.018210	0.018210
တ်	FOSSIL FUEL ADJUSTMENT PER KWH	0.00079	0.00122	0.00229	0.00209	(0.00230)	(0.00005)
10.	OVER/UNDER RECOVERY REVENUE KWI	1,649,000,000	1,864,000,000	2,104,000,000	2,123,000,000	2,037,000,000	1,694,000,000
£	11. OVER/UNDER RECOVERY REVENUE	1,302,710	2,274,080	4,818,160	4,437,070	(4,685,100)	(84,700)
12	ADJUSTMENT	0	0	0	0	0	0
13.	FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
4.	NET OVER/UNDER RECOVERY REVENUE	629,293	1,600,663	4,144,743	3,763,653	(5,358,517)	(758,117)
15.	CUMULATIVE UNDER(OVER) (\$2,755,686)	(2,126,393)	(525,730)	3,619,013	7,382,666	2,024,149	1,266,032

SOUTH CAROLINA ELECTRIC & GAS COMPANY

			2004 - 2005 FORECAST	RECAST		
NE IO.	NOVEMBER \$	DECEMBER \$	JANUARY \$	FEBRUARY \$	MARCH \$	APRIL \$
1. TOTAL COST OF FOSSIL FUEL BURNED	23,852,000	28,503,000	28,960,000	21,134,000	22,339,000	25,940,000
2. NUCLEAR FUEL	2,159,000	2,235,000	2,235,000	2,013,000	2,235,000	1,152,000
3. PURCHASED AND INTERCHANGE POWER FUEL COSTS	7,693,000	8,398,000	7,962,000	8,937,000	9,325,000	8,517,000
4. FUEL RECOVERED THROUGH INTERSYSTEM SALES	4,475,000	4,932,000	3,927,000	1,351,000	1,932,000	2,146,000
5. TOTAL FUEL COSTS (LINES 1+2+3-4)	29,229,000	34,204,000	35,230,000	30,733,000	31,967,000	33,463,000
6. TOTAL SYSTEM SALES EXCLUDING INTERSYSTEM SALES (KWH)	1,666,000,000	1,789,000,000	1,918,000,000	1,805,000,000	1,694,000,000	1,665,000,000
7. FOSSIL FUEL COST PER KWH SALES	0.017544	0.019119	0.018368	0.017027	0.018871	0.020098
8. LESS BASE COST PER KWH INCLUDED IN RATES	0.018210	0.018210	0.018210	0.018210	0.018210	0.018210
9. FOSSIL FUEL ADJUSTMENT PER KWH	(0.00067)	0.00091	0.00016	(0.00118)	0.00066	0.00189
 OVER/UNDER RECOVERY REVENUE KW 	1,555,000,000	1,661,000,000	1,788,000,000	1,683,000,000	1,582,000,000	1,553,000,000
11. OVER/UNDER RECOVERY REVENUE	(1,041,850)	1,511,510	286,080	(1,985,940)	1,044,120	2,935,170
12. ADJUSTMENT	0	0	0	0	0	0
13. FIXED CAPACITY CHARGES	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)	(673,417)
14. NET OVER/UNDER RECOVERY REVENUE	E (1,715,267)	838,093	(387,337)	(2,659,357)	370,703	2,261,753
15. CUMULATIVE UNDER(OVER) \$1,266,032	(449,235)	388,858	1,521	(2,657,836)	(2,287,133)	(25,380)
			_			

SOUTH CAROLINA ELECTRIC & GAS COMPANY CALCULATION OF BASE FUEL COMPONENT

FORECAST MAY 04 - APR 05 12 MONTHS

1.821

1. PROJECTED DATA:	
COST OF FUEL (\$000)	\$426,857
SYSTEM SALES (GWH)	22,803
AVERAGE COST (CENTS/KWH)	1.872
2. (OVER)/UNDER COLLECTION (\$000) THROUGH APRIL 2004	(\$10,837)
SOUTH CAROLINA RETAIL SALES (GWH)	21,293
AVERAGE COST (CENTS/KWH)	(0.051)
3. BASE COST (CENTS/KWH):	
PROJECTED FUEL COST	1.872
(OVER)/UNDER RECOVERY RATE	(0.051)

Note: Over/Under Collection reduced by the retail portion of Urquhart Fixed Capacity Charge (\$8,081,000) per Order No. 2003-38 and \$25,618,063 based on the proposed stipulation with the Consumer Advocate.

PROJECTED BASE FUEL COST

BEFORE

THE PUBLIC SERVICE COMMISSION '

OF

SOUTH CAROLINA

2002-2-E 2003-2-E

IN RE:	Annual Review of Base Rates for Fuel Costs)	-	STIPULATION BY AND
•	Of South Carolina Electric & Gas Company)		AND BETWEEN SOUTH
	·)		CAROLINA ELECTRIC & GAS
)		COMPANY AND THE
	.)		CONSUMER ADVOCATE FOR
			SOUTH CAROLINA

The parties to this stipulation are South Carolina Electric & Gas Company (SCE&G or Company) and the Consumer Advocate for South Carolina (Consumer Advocate), together referred to herein as the "parties."

WHEREAS, by its orders approving base rates for fuel costs, entered in the above-captioned dockets (Orders Nos. 2002-347, 2002-460,2003-295, and 2003-387), the Public Service Commission of South Carolina (PSC or Commission), pursuant to S.C. Code Ann. Sec. 58-27-865 (2003 Cum. Supp.), approved for recovery through the Company's fuel clause the full cost of the Company's economic purchases of electric power, including transportation, so long as the cost of such purchases was less than the Company's avoided cost for the generation of an equivalent amount of power; and

WHEREAS, the Circuit Court, on appeal, has issued its orders reversing the Commission, concluding that the language of S.C. Code Ann. Sec. 58-27-865 (2003 Cum. Supp.) only allows

the recovery of the cost of fuel used in generating such purchased power, not the total cost of the power purchase; and has remanded these cases to the Commission; and

WHEREAS, because of the difficulty often incurred in identifying the cost of fuel incurred in generating purchased power, for the reasons articulated in the records in these dockets, the Consumer Advocate recommended the use of a proxy for such fuel costs, whereby 60% of the cost of purchased power, including transportation costs, would be recovered through the fuel clause and 40% of such costs would be deferred until the Company's next case adjusting base rates for electricity; and

WHEREAS, since the hearing of these cases by the Commission and the review by Judge Hayes, the General Assembly of South Carolina has amended S.C. Code Ann. Sec 58-27-865, supra, clarifying its intention to allow recovery of the full cost of purchased electric power pursuant to the avoided cost methodology referred to above.

NOW, THEREFORE, the parties hereby stipulate and recommend to the Commission, the following disposition of the purchased power recovery issue in Dockets 2002-2-E and 2003-2-E, on remand from Judge Hayes:

1. The Commission, as a proxy for the cost of fuel used in the generation of electric power, procured through economy purchases by the Company, pursuant to its avoided cost methodology, shall allow 60% of the cost of the power purchased, including transportation, to be recovered through the Company's fuel clause. The remaining 40% of such purchased power costs shall be deferred and recovered in the Company's next case adjusting base electric rates. The calculations of the 60% of the cost of purchased power to be flowed through the fuel clause and the 40% of such costs to be deferred until the Company's next base rate case, all subject to Commission audit, are attached hereto and made a part hereof as Exhibit A.

2. The parties believe that the proposed resolution of the temporary condition created by these two cases on remand, the finality of outcome resulting from this stipulation, and the reasonableness of this outcome are in the best interest of the Company and its customers, and, therefore, recommend this disposition to the Commission. If the Commission approves the Stipulation, this disposition will conclude the issues between the Company and the Consumer Advocate in Dockets 2002-2-E and 2003-2-E. Should the Commission reject the Stipulation, it shall be null and void and the Company and the Consumer Advocate shall be free to pursue any and all legal remedies available to them.

Witness our signatures below this 31 day of March, 2004.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

Tto Arrasiate Garage Course

THE CONSUMER ADVOCATE FOR SOUTH CAROLINA

Its Consumer 4

SOUTH CAROLINA ELECTRIC & GAS COMPANY MARCH 2001 THROUGH FEBRUARY 2003

	DEFERRED
	REVENUE
MONTH	(\$)
Mar-01	(\$1,022,734)
Apr-01	(\$3,120,777)
May-01	(\$420,581)
Jun-01	(\$1,558,956)
Jul-01	(\$928,384)
Aug-01	(\$461,993)
Sep-01	(\$117,107)
Oct-01	(\$1,638,385)
Nov-01	(\$380,948)
Dec-01	(\$174,227)
Jan-02	(\$685,120)
Feb-02	(\$228,181)
Mar-02	(\$560,916)
Apr-02	(\$1,313,354)
May-02	(\$2,785,795)
Jun-02	(\$1,611,214)
Jul-02	(\$789,585)
Aug-02	(\$535,443)
Sep-02	(\$861,499)
Oct-02	(\$2,212,161)
Nov-02	(\$608,659)
Dec-02	(\$1,618,864)
Jan-03	(\$778,445)
Feb-03	(\$714,535)
Feb-03	(\$490,197)
Total	(\$25,618,063)

MONTH (9) EAL (1974) MONTH (1974) MAR-01 2,829,112.49 (1974) APF-01 8,251,053.96 4,951,172.39 (1974) APF-01 1,115,678.24 669,406,34 (1974) Jul-01 4,102,011,63 2,461,205,88 (1974) Jul-01 4,102,011,63 2,461,205,88 (1984) Jul-01 1,260,961,40 1,269,515,64 (1984) Sep-01 314,441,38 188,684,88 (1984) Dec-01 4,344,192,42 2,606,515,45 (1984) Dec-01 4,344,192,42 2,606,515,45 (1986) Dec-01 4,446,192 42 2,606,515,45 (1984)	RECOVERY DIFFERENCE (\$) 1,131,645.00 3,300,781.59	CIRCINIC			110 - 110 0 1 110 - 110 0			SOCIAL	TOTAL COLOR	-			
(5) (5) (5) (5) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(\$) 1,131,645.00 3,300,781.59		ELECTRIC	KWH	COST PER	COST	ADJUSTMENT /	ADJUSTMENT	PER KWH	DEFERRED	DEFERRED	REVENUE	REVENUE
(5) 2,829,112.49 8,221,933,98 1,115,678.24 4,102,011.63 2,230,034,79 1,280,981,40 314,413.84 4,344,192,42 983,287,75 983,287,75	(\$) 1,131,645.00 3,300,781.59	REVENUE REQ	REVENUE REQ	SALES	KWH SALES	PER KWH	PER KWH	PER KWH	DIFFERENCE	KWH	REV ADJ.	BASED ON PROXY	DIFFERENCE
2,826,112,49 8,251,953,98 1,115,678,24 4,102,011,83 2,230,034,79 1,260,961,40 314,41,38 4,344,192,42 983,267,75 474,610,19	1,131,645.00 3,300,781.59	9	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)		(\$)	(3)	(\$)
8,261,953.59 1,115,678.24 4,102,011.63 2,230,034,79 1,260,961,40 314,44,136 4,344,192,42 983,267,75	3,300,781.59	22,614,908.38	21,483,263,38	1,508,938,132	0.014237	0.013300	0,00094	0.00165	0.00072	1,420,463,245	\$2,357,969	\$1,335,235	(\$1,022,734)
1,115,678.24 4,102,011.63 2,220,034.79 1,260,961.40 314,441.38 4,344,192.42 983,267.75	AAG 274 30 I	25,510,050,52	22,209,268.93	1,571,968,125	0.014128	0.013300	0.00083	0.00293	0.00210	1,486,084,273	\$4,354,227	\$1,233,450	(\$3,120,777)
4,102,011.63 2,230,004.79 1,280,361.40 314,414.138 4,344,192.42 983,267.75 4,74,610,19		23,442,186.66	22,995,915,36	1,653,426,989	0.013908	0.015790	(0.00188)	(0.00161)	0.00027	1,557,708,560	(\$2,507,911)	(\$2,928,492)	(\$420,581)
2,220,034,79 1,260,961,40 314,441,38 4,344,192,42 983,267,75 474,610,19	1,640,804.65	29,051,578,74	27,410,774.09	1,855,580,058	0.014772	0.015790	(0.00102)	(0.00013)	0.00089	1,751,636,377	(\$227,713)	(\$1,786,669)	(\$1,558,956)
1,260,961.40 314,441.38 4,344,192.42 983,267,75 474,610,19	892,013,92	30,038,785.88	29,146,777,96	2,003,083,535	0,014551	0.015790	(0.00124)	(0.00075)	0.00049	1,894,661,286	(\$1,420,996)	(\$2,349,380)	(\$928,384)
314,441,38 4,344,192,42 983,267,75 474,610,19	504,384,56	31,023,920,92	30,519,538,36	2,042,047,965	0.014946	0.015790	(0.00084)	(0.00060)	0.00024	1.924,970,051	(\$1,154,982)	(\$1,616,975)	(\$461,993)
983,267.75	125,776,55	23,635,077,92	23,509,301.37	2,048,970,371	0.011474	0.015790	(0.00432)	(0,00426)	900000	1,951,790,273	(\$8,314,627)	(\$8,431,734)	(\$117,107)
474,610,19	1,737,676,97	24,669,632.50	22,931,955,53	1,631,430,844	0.014056	0.015790	(0.00173)	(0.00067)	0.00106	1,545,646,142	(\$1,035,583)	(\$2,673,968)	(\$1,638,385)
474,610.19	393,307,10	19,929,427.18	19,536,120,08	1,495,550,081	0.013063	0.015790	(0.00273)	(0.00246)	0.00027	1,410,918,156	(\$3,470,859)	(\$3,851,807)	(\$380,948)
TTA FEE OD	189,844.08	21,863,738,32	21,673,894,24	1,541,284,009	0.014062	0.015780	(0.00173)	(0.00161)	0.00012	1,451,894,505	(\$2,337,550)	(\$2,511,777)	(\$174,227)
2000	709,822.44	25,726,548.68	25,016,726.24	1,813,568,647	0.013794	0.015790	(0.00200)	(0.00160)	0.00040	1,712,800,649	(\$2,740,481)	(\$3,425,601)	(\$685,120)
Feb-02 613,339,92 368,003,95 1	245,335.97	21,833,664.56	21,588,328.59	1,610,784,336	0.013402	0.015790	(0.00239)	(0.00224)	0.00015	1,521,208,752	(\$3,407,508)	(\$3,635,689)	(\$228,181)
Total 28,294,160,28 16,976,496,17	11,317,664,11	299,339,520.26	288,021,856,15	20,776,643,092		. 1	•		,	19,629,782,269	(\$19,906,013)	(\$30,643,407)	(\$10,737,394)

SOUTH CAROLINA ELECTRIC & GAS COMPANY MARCH 2001 THROUGH FEBRUARY 2002

DEFERRED REVENUE DIFFERENCE (5) (1) (2,26,53) (1,778,881) (1,778,881) (1,778,881) (2,7409,403) (52,409,403) (52,409,403) DEFERRED PREVIOUS DEFERRED REV ADJ. DEFERRED KWH PER KWH DIFFERENCE ADJUSTMENT PER KWH ADJUSTMENT PER KWH COST PER KWH FOSSIL FUEL COST PER KWH SALES KWH FUEL CLAUSE NET FUEL COST RECOVERY ELECTRIC ELECTRIC DIFFERENCE REVENUE REQ (\$) (\$) 60% PROXY (5) ECONOMY PURCHASES PERPILI 9 MONTH May-02 Jun-02 Jul-02 Aug-02 Sep-02 Oct-02 Nov-02 Dec-02

SOUTH CAROLINA ELECTRIC & GAS COMPANY MARCH 2002 THROUGH FEBRUARY 2003